ſupport of what is here advanced, which the limits of this paper oblige me at preſent to ſuperſede. I ſhall therefore only beg leave to aſſure you that I am, with all due ſentiments of reſpect and eſteem,

Sir,

Your moſt obliged,

and moſt obedient,

humble Servant,

John Swinton.

Chriſt-Church, Oxon. Novr. 27th, 1755.

XC. *A Catalogue of the* Fifty Plants *from* Chelſea Garden, *preſented to the* Royal Society, *by the worſhipful Company of Apothecaries, for the Year* 1755, *purſuant to the Direction of Sir* Hans Sloane, *Baronet, Med. Reg. & Soc. Reg. nuper Præſes, by* John Wilmer, *M. D. clariſſ. Societatis, Pharmaceut.* Lond. *Socius, Hort.* Chelſ. *Præfectus & Prælector Botan.*

Read April 29, 1756.

1651 ABſinthium maritimum Lavendulæ foliis. C. B. P. 139.

1652 Achillea foliis pinnatis, planis, inciſo-ſerratis, extimis majoribus. Linn. Sp. Plant. 898.

Ptarmica Alpina matricariæ folio Triumf. 83.

1653 Amethyſtea. Hort. Upſal. 9. Amethyſtina montana erecta foliis exiguis digitatis trifidis ſerratis floſculis cum coma e cœruleo ianthinis. Amman. Ruth. 54.

1654 Anonis purpurea verna ſeu præcox, perennis, fruteſcens, flore rubro amplo. Mor. Hiſt. 2. 170.

Cicer arboreum Indicum perenne. Zanon. 66.

1655 Apocynum Americanum ſcandens, Vincæ pervincæ foliis ſubincanum. Par. Bat.

1656 Aquilegia pumila præcox Canadenſis Cornuti.

1657 Atropa foliis ſinuato-angulatis calycibus clauſis acutangulis. Linn. Sp. Plant. 181.

Alkekengi amplo flore violaceo. Feuillei per 724. T. 16.

1658 Bugloſſum Luſitanicum Echii folio undulato. Tourn. Inſt. R. H. 134.

1659 Bugloſſum Luſitanicum foliis aſperis oblongis, anguſtioribus et criſpis. Inſt. R. H.

1660 Cannacorus flore coccineo ſplendente. Tourn.

Canna Americana flore fulgenti coccineo ſplendente. Hort. Lugd. Bat.

1661 Ceanothus foliis trinervis. Lin. Sp. Plant. 195.

Celaſtrus inermis foliis ovatis, ſerratis, racemis ex ſummis alis longiſſimis. Linn. Hort. Cliff.

1662 Centaurea calycibus ciliatis ſpinoſis foliis bipinnatifidis. Linn. Sp. Plant. 918.

Jacea lutea ſexta. Tabernamontan. Hiſt. 436.

1663 Chelidonium majus, foliis et flore minutiſſime laciniatis. H. R. Par. 49.

1664

1664 Cirſium Acanthoides montanum flore flaveſcente. Tourn.

1665 Clematis cœrulea vel purpurea repens. C. B. P. 300.

1666 Cliffortia foliis dentatis mas. Hort. Cliff. 463.
Camphorata Capenſis, Eryngii minoris folio. Petiver Hort. 243.

1667 Cnicus foliis cordatis, petiolis criſpis, ſpinoſis, amplexicaulibus, floribus cernuis. Hort. Upſal. 251.
Carduus foliis ex cordato-lanceolatis, margine ſerratis, et ſpinoſis, ſquamis calycum membranaceis laceris ſpinoſis, capitulis nutantibus. Flor. Sibiric. 2. p. 47. Tab. 19.

1668 Convulvulus foliis ſagittatis poſtice truncatis pedunculis bifloris. Flor. Leyd. Prod. 427.
Convulvulus Syriacus ſeu Scammoniaca Syriaca. Mor. Hiſt. p. 2. 12.

1669 Corona Solis foliis aſperis tribus vel quaternis ad genicula ſitis. Hiſt. Ox. 3. 24.

1670 Crocus Alpinus autumnalis. C. B. P. 65.
Crocus montanus autumnalis. J. B.

1671 Cytiſo-geniſta Luſitanica, magno flore. Tourn.

1672 Cytiſus floribus capitatis, ramis decumbentibus. Fl. Leyd. prod. 376.
Cytiſus ſupinus foliis infra et ſiliquis molli lanugine pubeſcentibus. C. B. P. 390.

1673 Cytiſus glaber nigricans. C. B. P. 390.
Cytiſus Geſneri, cui flores fere ſpicati. J. B 1. 370.

1674 Digitalis anguſtifolia flore ferrugineo. C. B. P. 244.

1675

1675 Doria quæ Jacobæa Africana, hederæ terreſtris folio repens. Hort. Amſt. 2. 145.

1676 Ferrum equinum ſiliqua multiplici. C. B. P. 349.

1677 Helxine foliis lanceolatis, caule diffuſo. H. Upſal. 96.

Fagopyrum Orientale ramoſum et multiflorum, perſicariæ folio. Tourn. Cor.

1678 Hieracium caule ramoſo, foliis firmis, infimis petiolatis, reliquis ex ovato-lanceolatis ſemi-amplexicaulibus, omnibus ſinuoſis, petiolorum inſtar dentatis. Fl. Siberic. 2. 26. Tab. 10.

1679 Horminum Verbenæ laciniis anguſtifolium. Triumfett.

1680 Limonium peregrinum foliis Aſplenii. C. B. P. 192.

Statice foliis caulinis decurrentibus. Hort. Cliff. 116.

1681 Lupinus floribus cœruleis inodoris, in ſpicas longas digeſtis, radice reptatrice. Gronov. Flor. Virginic.

1682 Milium Arundinaceum ſubrotundo ſemine, ſorgo nominatum. C. B. P. 26.

Melica ſive ſorghum. Dod. p. 508.

1683 Nicotiana foliis cordatis, floribus paniculatis, tubis clavatis. Linn. Sp. Pl. 180.

Nicotiana folio cordiformi tubo floris prælongo. Feuill. Per. p. 714. Tab. 10.

1684 Nicotiana foliis cordatis, corollis racemoſis ſubringentibus, calycibus inæqualibus. Lin. Sp. Pl. 181.

1685 Oxys bulboſa Æthiopica minor, folio cordato flore

flore ex albido purpuraſcente. Hort. Amſt. 1. 48.

1686 Prunella bracteis pinnato-dentatis ciliatis. Læſl. Deſ. 31.

Bugula odorata Luſitanica. Cornut. Canad. 46.

1687 Quamoclit Americana folio hederæ, flore coccineo. Commelin. Rar. 21.

Convolvulus Americanus folio anguloſo, flore parvo coccineo.

1688 Ranunculus montanus folio gramineo. C. B. P. 180.

Ranunculus pumilus gramineis foliis. J. B. 3. 866.

1689 Ranunculus vernus rotundifolius minor. Tourn. 286.

Chelidonium minus. Offic. Ger. 1669.

1690 Ruſcus anguſtifolius, fructu ſummis ramulis innaſcente. Tourn. 79.

Laurus Alexandrina, ramoſa fructu e ſummitate caulium prodeunte. H. R. Par.

1691 Ruta muraria. C. B. P. 356.

Salvia vitæ. Lobel.

1692 Ruta ſylveſtris minor. C. B. P. 336.

1693 Satureia capitulis terminalibus, foliis lanceolatis. Linn. Sp. Pl. 567.

Satureia Virginiana. Herm. Par. 218.

Clinopodium foliis lanceolatis acuminatis, capitulis terminalibus. Hort. Cliff. 304.

1694 Senecio Madraſpatanus Rapifolio, floribus maximis, cujus radix nonnullis China dicitur. Muſæum Petiver. N°. 680. Hort. Eltham. Tab. 258. fig. 335.

1695

1695 Siliquaſtrum flore purpureo. Caſt. Durant. 415. Arbor Judæ. Dod. 786.

1696 Siſon foliis ternatis. Hort. Cliff. 99. Fl. Virg. 147.
Myrrhis Canadenſis trilobata. Mor. Hiſt. p. 3. 301.

1697 Spartium alterum monoſpermum ſemine reni ſimili. C. B. P. 396.

1698 Tetragonia foliis linearibus. Flor. Leyd.
Tetragonocarpos Africana fruticans, foliis longis et anguſtis. Hort. Amſt. 2. 205.

1699 Tetragonia foliis ovatis. Flor. Leyd.
Tetragonocarpos Africana radice magna, craſſa et carnoſa. Hort. Amſt. 203.

1700 Tithymalus Orientalis, ſalicis folio, caule purpureo, flore magno. T. Cor. 2.

XCI. *Extract of a Letter from Dr.* Vitaliano Donati, *Profeſſor of Botany at* Turin, *to Mr.* Abraham Trembley, *F. R. S. concerning the Earthquakes felt at* Turin, December 9, 1755, *and* March 8, 1756. *Tranſlated from the* Italian.

SIR, Turin, March 20, 1756.

Read April 29, 1756. THE cauſe of Earthquakes is unknown to me. You know thoſe mentioned by natural philoſophers. It ſeems to me, that they are not ſufficient for explaining all the phænomena. The antients have obſerved, that earthquakes were accompanied with ſome particular meteor,